

# acm TRANSACTIONS ON DATABASE SYSTEMS

Volume 23 · 1998

*Editor-in-Chief*

Won Kim

*Associate Editors*

Serge Abiteboul  
Rakesh Agrawal  
Michael Carey  
David Lomet  
Yoshifumi Masunaga

Jeff Naughton  
Richard Snodgrass  
Moshe Y. Vardi  
Gerhard Weikum  
Marianne Winslett

Published by ACM, Inc.

Copyright 1999 Association for Computing Machinery, Inc.  
1515 Broadway, New York, NY 10036  
<http://www.acm.org/>

---

231 **Bertino, E., Bettini, C., Ferrari, E., and Samarati, P.** An Access Control Model Supporting Periodicity Constraints and Temporal Reasoning. 23, 3 (Sept. 1998), 231–285.

231 **Bettini, C.** See Bertino, E. 23, 3 (Sept. 1998), 231–285.

286 **Castano, S., De Antonellis, V., Fugini, M.G., and Pernici, B.** Conceptual Schema Analysis: Techniques and Applications. 23, 3 (Sept. 1998), 286–333.

286 **De Antonellis, V.** See Castano, S. 23, 3 (Sept. 1998), 286–333.

158 **Du, W.** See Liu, X. 23, 2 (June 1998), 158–198.

1 **Dyreson, C.E., and Snodgrass, R.T.** Supporting Valid-Time Indeterminacy. 23, 1 (Mar. 1998), 1–57.

231 **Ferrari, E.** See Bertino, E. 23, 3 (Sept. 1998), 231–285.

334 **Formica, A., Groger, H.D., and Missikoff, M.** An Efficient Method for Checking Object-Oriented Database Schema Correctness. 23, 3 (Sept. 1998), 334–368.

286 **Fugini, M.G.** See Castano, S. 23, 3 (Sept. 1998), 286–333.

334 **Groger, H.D.** See Formica, A. 23, 3 (Sept. 1998), 334–368.

158 **Helal, A.** See Liu, X. 23, 2 (June 1998), 158–198.

113 **Hellerstein, J.M.** Optimization techniques for Queries with Expensive Methods. 23, 2 (June 1998), 113–157.

369 **Konopnicki, D., and Shmueli, O.** Information Gathering in the World Wide Web: The W3QL Query Language and the W3QS System. 23, 4 (Dec. 1998), 369–410.

199 **Korth, H.F.** See Mehrotra, S. 23, 2 (June 1998), 199–230.

158 **Liu, X., Helal, A., and Du, W.** Multiview Access Protocols for Large-Scale Replication. 23, 2 (June 1998), 158–198.

199 **Mehrotra, S., Rastogi, R., Korth, H.F., and Silberschatz, A.** Ensuring Consistency in Multidatabases by Preserving Two-Level Serializability. 23, 2 (June 1998), 199–230.

334 **Missikoff, M.** See Formica, A. 23, 3 (Sept. 1998), 334–368.

453 **Moffat, A.** See Zobel, J. 23, 4 (Dec. 1998), 453–490.

286 **Pernici, B.** See Castano, S. 23, 3 (Sept. 1998), 286–333.

453 **Ramamohanarao, K.** See Zobel, J. 23, 4 (Dec. 1998), 453-490.

199 **Rastogi, R.** See Mehrotra, S. 23, 2 (June 1998), 199-230.

58 **Revesz, P.Z.** Safe Query Languages for Constraint Databases. 23, 1 (Mar. 1998), 58-99.

231 **Samarati, P.** See Bertino, E. 23, 3 (Sept. 1998), 231-285.

369 **Shmueli, O.** See Konopnicki, D. 23, 4 (Dec. 1998), 369-410.

199 **Silberschatz, A.** See Mehrotra, S. 23, 2 (June 1998), 199-230.

411 **Sistla, A.P., Wolfson, O., Yesha, Y., and Sloan, R.H.** Towards a Theory of Cost Management for Digital Libraries and Electronic Commerce. 23, 4 (Dec. 1998), 411-452.

1 **Snodgrass, R.T.** See Dyleson, C. E. 23, 1 (Mar. 1998), 1-57.

411 **Sloan, R.** See Sistla, A.P. 23, 4 (Dec. 1998), 411-452.

100 **Stolboushkin, A.P., and Taitslin, M.A.** Safe Stratified Datalog with Integer Order Does Not Have Syntax. 23, 1 (Mar. 1998), 100-109.

100 **Taitslin, M.A.** See Stolboushkin, A.P. 23, 1 (Mar. 1998), 100-109.

411 **Wolfson, O.** See Sistla, A.P. 23, 4 (Dec. 1998), 411-452.

411 **Yesha, Y.** See Sistla, A.P. 23, 4 (Dec. 1998), 411-452.

453 **Zobel, J., Moffat, A., and Ramamohanarao, K.** Inverted Files Versus Signature Files for Text Indexing. 23, 4 (Dec. 1998), 453-490.

